

ABSTRACT OF THE INVENTION

The invention is drawn to silane copolymers prepared from the reaction of one or more polyisocyanates with one or more lubricious polymers having at least two functional groups, which may be the same or different, that are reactive with an isocyanate functional group and with one or more organo-functional silanes having at least two functional groups, which may be the same or different, that are reactive with an isocyanate functional group and at least one functional group reactive with a silicone rubber substrate. The silane copolymer coatings of the invention are elastic, lubricious, and resist wet abrasion. They are useful as coatings for polysiloxane (rubber) and other difficult to coat substrates, especially for medical devices, such catheters.

15

20